

Application No. 09/823,141
Confirmation No. 8655

Office Action Mailing Date: November 30, 2004
Reply Date: Feb. 28, 2005

Amendment to the Claims:

This listing of claims will replace all prior versions, and listing of claims in the application.

Listing of Claims:

1. (Currently amended) A task management system for use in a home environment for managing a task scheduled in advance and involving a user moving an object from a first location to a second location, wherein the system comprises comprising:

~~a sensor for sensing a presence of the object; and~~

~~a scheduler for sending a task-related message to the user under control of the sensor~~

(a) a tag attached to said object;

(b) a first sensor fixedly positioned in a path of travel of said object from said first location to said second location, said first sensor configured to:

(i) remotely sense the presence of said object at a first intermediate location between said first and second locations via said tag attached to said object;

(ii) transmit a first signal responsive to the remote sensing of the presence of said object at said first intermediate location between said first and second locations;

(iii) remotely sense the absence of said object at said first intermediate location between said first and second locations via said tag attached to said object, subsequent to said transmission of said first signal; and

(iv) transmit a second signal responsive to the remote sensing of the absence of said object at said first intermediate location between said first and second locations;

(c) scheduling means configured for scheduling said task;

(d) monitoring means for

(i) receiving and processing said first and second signals transmitted from said first sensor;

Application No. 09/823,141
Confirmation No. 8655

Office Action Mailing Date: November 30, 2004
Reply Date: Feb. 28, 2005

(ii) generating a reminder message for display to said user to perform said scheduled task;
(iii) automatically removing said reminder message upon receiving said second signal from said first sensor indicating completion of said scheduled task.

2. (Cancelled)

3. (Currently Amended) The system of claim 1, further comprising software means for enabling the user to program the scheduler.

4. (Currently Amended) The system of claim 3, wherein the scheduler is remotely programmed for receiving with data via a data network received from a remote server via a data network for programming the scheduler.

5. (Currently Amended) The system of claim 1, further comprising a second sensor configured to: for-

- remotely sense the presence of said object at a second intermediate location between said first and second locations;

- cooperate with the first sensor and said monitoring means to determine the direction of movement of the object along the path of travel.

managing multiple tasks involving the user moving multiple objects.

6. (Currently Amended) The system of claim 1, further configured to for-
managing-manage multiple conditionally interrelated tasks.

7. (Currently Amended) The system of claim 1 wherein said monitoring means is for being incorporated as a functional part of in a home network of said user.

8. (Cancelled)

Application No. 09/823,141
Confirmation No. 8655

Office Action Mailing Date: November 30, 2004
Reply Date: Feb. 28, 2005

BEST AVAILABLE COPY

9. (Cancelled)

10. (Currently Amended) The system of Claim 7, wherein said home network further comprises computer code on a computer readable medium Software for use on a said home network, said computer readable code configured for:
receiving first input data associated with a presence of an object, ~~for~~
receiving second input data representative of a scheduled task involving a user moving the object, wherein the software computer readable code comprises
~~comprising~~ a scheduler application for generating output data for alerting the user to the task responsive to the reception of said first and second input data.

11. (Currently Amended) A method of providing a service to a user of a task management system for use in a home environment, the system enabling the user to manage a task scheduled in advance, the task involving the user moving an object from a first location to a second location, wherein the system comprises the method comprising the acts of:

~~a sensor for sensing a presence of the object; and~~
~~a scheduler for sending a task related message to the user under control of the sensor;~~

~~wherein the method comprises supplying data to the user via a data network for programming the scheduler~~

scheduling a reminder message to carry out said task;
displaying said scheduled reminder message to the user;
remotely sensing the presence of an object at a first point in said path
between said first location and said second location;

transmitting a first signal to a monitoring means responsive to said remote sensing of the presence of said object at said first point in said path;

remotely sensing the absence of said object at said first point in said path
between said first location and said second location, subsequent to remotely sensing the presence of said object at said first point;

transmitting a second signal to said monitoring means responsive to said

Application No. 09/823,141
Confirmation No. 8655

Office Action Mailing Date: November 30, 2004
Reply Date: Feb. 28, 2005

remote sensing of the absence of said object at said first point in said path; and
automatically removing said reminder message responsive to receiving
said second signal at said monitoring means.

12. (New) The system of Claim 1, wherein said monitoring means is a component of a home network.

13. (New) The system of Claim 12, wherein said home network is wirelessly linked to a mobile computing device.

14. (New) The method of Claim 11, further comprising the acts of remotely sensing the presence of the object at a second point in said path between said first location and said second location;
transmitting a third signal to said monitoring means responsive to said remote sensing of the presence of said object at said second point in said path; and
calculating a direction of movement of said object from said first and third signals.

15. (New) The method of Claim 11, wherein the act of scheduling a reminder message to carry out said task further comprises: receiving schedule information over a network such as the Internet.

16. (New) The method of Claim 11, wherein the act of scheduling a reminder message to carry out said task further comprises: programming said reminder message via a scheduling application configured to manage a plurality of tasks.

17. (New) The method of Claim 11, wherein the act of displaying said scheduled reminder to said user comprises: displaying said scheduled reminder via a home network of said user.

Application No. 09/823,141
Confirmation No. 8655

Office Action Mailing Date: November 30, 2004
Reply Date: Feb. 28, 2005

18. (New) The method of Claim 1, wherein said tag is programmable
for identifying different objects via said first sensor.